



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/682,715	10/10/2001	Giovanni Del Signore		3253

29579 7590 07/18/2002  
GIOVANNI DEL SIGNORE  
VIA SAN MATTEO IN ARCETRI 25  
FIRENZE, 50125  
ITALY

EXAMINER
----------

HOEY, BETSEY MORRISON

ART UNIT	PAPER NUMBER
----------	--------------

1724

DATE MAILED: 07/18/2002

6

Please find below and/or attached an Office communication concerning this application or proceeding.

MFLQ

<b>Office Action Summary</b>	Application No.	Applicant(s)
	09/682,715	DEL SIGNORE, GIOVANNI
Examiner	Art Unit	
HOEY, BETSEY	1724	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

1) Responsive to communication(s) filed on 04 May 2002.

2a) This action is FINAL.      2b) This action is non-final.

3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

4) Claim(s) 1-16 is/are pending in the application.

4a) Of the above claim(s) 1-4 and 16 is/are withdrawn from consideration.

5) Claim(s) \_\_\_\_\_ is/are allowed.

6) Claim(s) 5-16 is/are rejected.

7) Claim(s) \_\_\_\_\_ is/are objected to.

8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

9) The specification is objected to by the Examiner.

10) The drawing(s) filed on \_\_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

11) The proposed drawing correction filed on \_\_\_\_\_ is: a) approved b) disapproved by the Examiner.  
If approved, corrected drawings are required in reply to this Office action.

12) The oath or declaration is objected to by the Examiner.

**Priority under 35 U.S.C. §§ 119 and 120**

13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) All b) Some \* c) None of:  
1. Certified copies of the priority documents have been received.  
2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  
\* See the attached detailed Office action for a list of the certified copies not received.

14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).  
a) The translation of the foreign language provisional application has been received.

15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

**Attachment(s)**

1) Notice of References Cited (PTO-892)      4) Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_.  
2) Notice of Draftsperson's Patent Drawing Review (PTO-948)      5) Notice of Informal Patent Application (PTO-152)  
3) Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_\_.      6) Other: \_\_\_\_\_

1. Applicant's election with traverse of claims 5-15 in Paper No. 5 is acknowledged.

The traversal is on the ground(s) that the process of claims 1-4 can only be practiced with the apparatus of claims 5-15. This is not found persuasive because although the process may require the apparatus, the apparatus as claimed can be used to practice a different process, as described in paper #4. This condition is sufficient for a restriction requirement.

The requirement is still deemed proper and is therefore made FINAL.

2. Claims 6-10 and 13 objected to because of the following informalities: the word following a colon should not be capitalized; claims are required to be a single sentence; "the said gas" is incorrect and should be changed to either "the gas" or "said gas".

Appropriate correction is required.

3. Claims 6-15 are objected to under 37 CFR 1.75(c) as being in improper form for a multiple dependent claim. See MPEP § 608.01(n). First of all, the apparatus claims cannot depend on the process claims, and therefore the phrase "according to one or more of the preceding claims" is improper because the preceding claims include the process claims. Secondly, a multiple dependent claim cannot depend on another multiple dependent claim, so the phrase "according to one or more of the preceding claims" is also improper because the preceding claims include other multiple dependent claims. Accordingly, these claims not been further treated on the merits.

4. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

5. Claims 5-15 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. The term "particularly" in claim 5 renders the claims indefinite because it is unclear whether the limitations following the term are part of the claimed invention (see MPEP § 2173.05).

6. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless —

(e) the invention was described in—  
(1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effect under this subsection of a national application published under section 122(b) only if the international application designating the United States was published under Article 21(2)(a) of such treaty in the English language; or  
(2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that a patent shall not be deemed filed in the United States for the purposes of this subsection based on the filing of an international application filed under the treaty defined in section 351(a).

7. Claim 5 is rejected under 35 U.S.C. 102(e) as being anticipated by Casado Gimenez et al., U.S. Patent No. 6,224,744. Casado Gimenez et al. teach an electrolytic cell comprising a plurality of electrodes, wherein the anodes may be iron; an inlet for waste water to be treated; compartments through which the waste water may circulate; and an inlet for oxygen gas.

8. Claims 6-15 have not been examined against prior art because it is unclear which of the limitations are intended to be included in each claim, given the nature of the multiple dependency errors. However, it appears that the combination of all of the limitations appearing in claims 5 and 7 together may be allowable over the prior art of record.

9. The prior art made of record and not relied upon is considered pertinent to Applicant's disclosure.

10. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Betsey Hoey whose telephone number is (703) 305-3934. The examiner can normally be reached on Monday through Thursday from 8:30 AM to 6:00 PM, and on alternate Fridays from 8:30 AM to 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mr. David Simmons, can be reached at (703) 308-1972. The fax phone number for official after final faxes for this Group is 703-872-9311 for all other official faxes the number is 703-872-9310, and for unofficial faxes the number is (703) 305-7115. Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 308-0661.

*Betsey M. Hoey*  
BETSEY MORRISON HOEY  
PRIMARY EXAMINER

July 12, 2002